SETUP & OPERATION MANUAL

FEATURES & SPECIFICATIONS

- Dust hood rotates 360°.
- Support arm extends up to 12".
- Wide dust hood captures chips, dust and debris.
- Powerful 1 HP motor features sealed bearings and shaft for quiet, long-lasting operation.
- Comfort grip carrying handle for easy portability to place the unit where you need it.
- Flexible 4" x 6' (1.8 m) collection hose included.
- Adjustable multi-position steel support arm to accommodate a variety of different machines or applications.

INLET DIAMETER
4" (102 mm)

AIRFLOW CAPACITY
700 CFM

HOSE LENGTH
4" (102 mm) X 6' (1.8 m)

DUST HOOD
10" (254 mm) x 4" (102 mm)

SOUND RATING
78 dB

STATIC PRESSURE
4.3 INCHES OF WATER

BAG CAPACITY
15 GAL (655 L)

OVERALL DIMENSIONS (L x W x H)
44 ½" x 18 ⅞" x 43 ¼"
(1130 x 480 x 1100 mm)

MOTOR
1 HP, 110 V, 7 A

WEIGHT
51.7 LBS (23.5 Kg)

FILTRATION CAPACITY
30 MICRONS

PORTABLE DUST COLLECTOR

MODEL #10-050

GENERAL
GENERAL INTERNATIONAL

REVISION 3 JUN 22/06

GENERAL® INTERNATIONAL
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THANK YOU for choosing this General International model 10-050 Dust collector. This dust collector has been carefully tested and inspected before shipment and if properly used and maintained, will provide you with years of reliable service. To ensure optimum performance and trouble-free operation, and to get the most from your investment, please take the time to read this manual before assembling, installing and operating the unit.

The manual's purpose is to familiarize you with the safe operation, basic function, and features of this dust collector as well as the set-up, maintenance and identification of its parts and components. This manual is not intended as a substitute for formal woodworking instruction, nor to offer the user instruction in the craft of woodworking. If you are not sure about the safety of performing a certain operation or procedure, do not proceed until you can confirm, from knowledgeable and qualified sources, that it is safe to do so.

Once you've read through these instructions, keep this manual handy for future reference.

GENERAL ® INTERNATIONAL WARRANTY

All component parts of General® International machinery are carefully tested and inspected during all stages of production, and each machine is thoroughly inspected upon completion of assembly. Because of our commitment to quality and customer satisfaction, General® International agrees to repair or replace, within a period of 24 months from date of purchase, any genuine part or parts which, upon examination, prove to be defective in workmanship or material. In order to obtain this warranty, all defective parts must be returned freight pre-paid to General® International Mfg. Co., Ltd. Repairs attempted without our written authorization will void this warranty.

Disclaimer: The information and specifications in this manual pertain to the unit as it was supplied from the factory at the time of printing. Because we are committed to making constant improvements, General International reserves the right to make changes to components, parts or features of this unit as deemed necessary, without prior notice and without obligation to install any such changes on previously delivered units. Reasonable care is taken at the factory to ensure that the specifications and information in this manual corresponds with that of the unit with which it was supplied. However, special orders and "after factory" modifications may render some or all information in this manual inapplicable to your machine. Further, as several generations of this model of dust collector and several versions of this manual may be in circulation, if you own an earlier or later version of this unit, this manual may not depict your machine exactly. If you have any doubts or questions contact your retailer or our support line with the model and serial number of your unit for clarification.

Rules for Safe Operation

To help ensure safe operation, please take a moment to learn the machine's applications and limitations, as well as potential hazards. General® International disclaims any real or implied warranty and holds itself harmless for any injury that may result from improper use of its equipment.

1. Do not operate machinery when tired, distracted or under the effects of drugs, alcohol or any medication that impairs reflexes or alertness.

2. Do not operate this unit until a hose is installed onto the dust inlet.

3. The working area should be well lit, clean and free of debris.

4. Keep children and visitors at a safe distance; do not permit them to operate the unit.

5. Childproof and tamper proof your shop and all machinery with locks, master electrical switches and switch keys, to prevent unauthorized or unsupervised use.

6. Stay Alert! Give our work your undivided attention. Even a momentary distraction can lead to serious injury.

7. Fine particulate saw dust is a carcinogen that can be hazardous to health. Work in a well ventilated area and wear eye, ear and respiratory protection devices.

8. Do not wear loose clothing, gloves, bracelets, necklaces, or ornaments while operating machinery.

9. Do not vacuum or use this Dust Collector near flammable or combustible liquids, gases, gasoline or other fuels, lighter fluid, cleaners, oil or solvent-based paints, natural gas, hydrogen, explosive dust, grain dust, magnesium dust, or gun powder.

10. Never leave the machine running with the power when not in operation.

11. Do not handle the electric plug with wet hands.

12. Do not vacuum anything that is burning, smoking or smoldering, such as cigarettes, matches or hot ashes.

13. To avoid potential health hazards from vapors or dusts, do not vacuum toxic material.

14. Do not use this unit outdoors or on or near wet surfaces.

15. Make sure the unit is properly grounded. If tool is equipped with three-prong plug, it should be plugged into a three-pole receptacle. Never remove the third prong.

16. Always disconnect tool from power before servicing, performing any maintenance or repairs and when changing bags or hoses, or if the machine will be left unattended.

17. Do not put any foreign objects into the ventilation inlet or outlet openings.

18. Make sure the switch is in "OFF" position before plugging in cord.

19. Never stand on machinery. Serious injury could result if the unit is tipped over.

20. The use of parts and accessories NOT recommended by General International may result in equipment malfunction or risk injury.

DO NOT OPERATE THIS UNIT UNTIL THE PVC HOSE IS INSTALLED ONTO THE DUST INLET PORT.

IMPORTANT NOTICE

HANDLING THE MACHINE

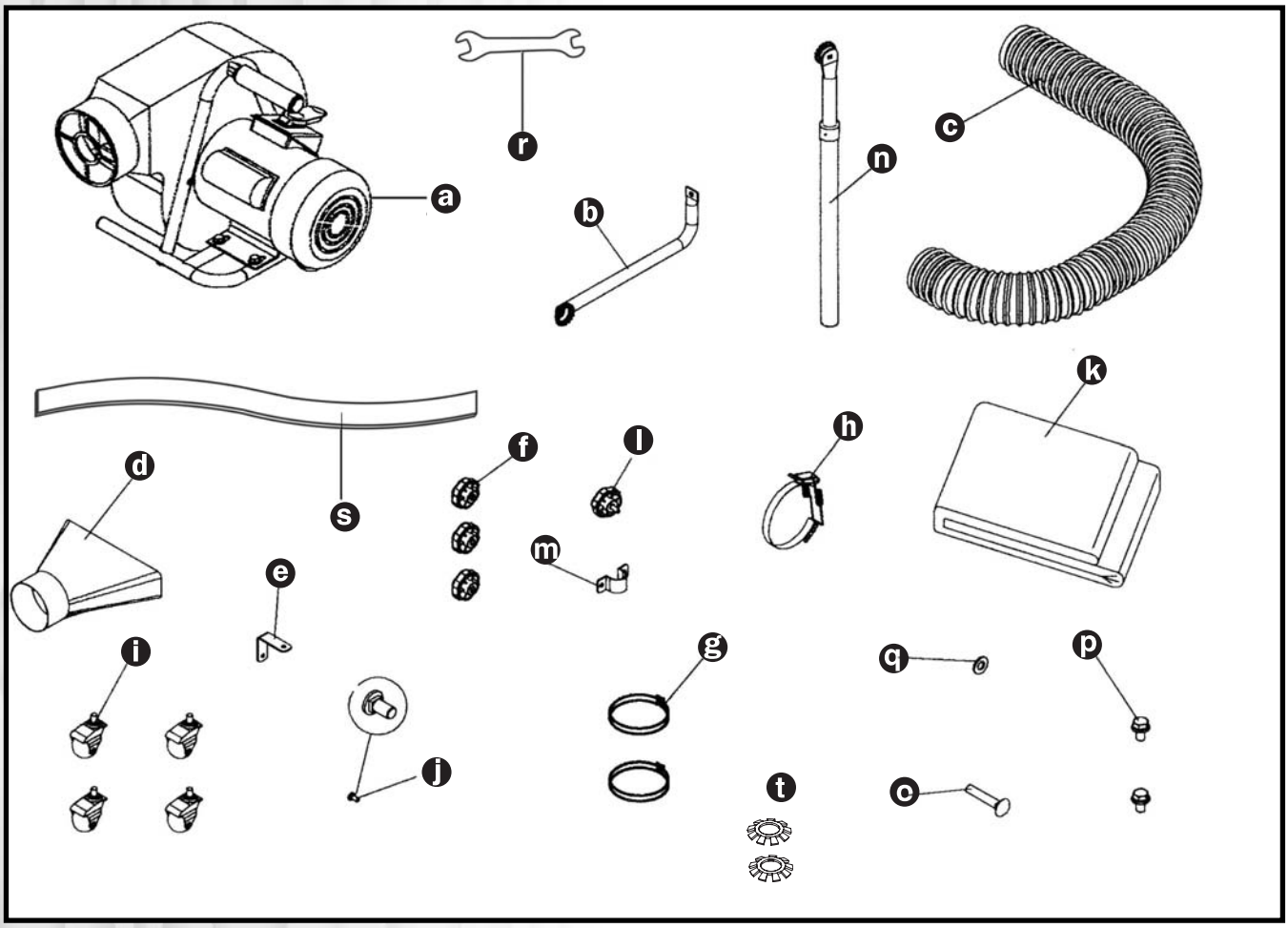
The total weight of the machine is 52 LBS. Do not pull or carry the machine by any part other than it's handle.

Sound Level

The sound level of this machine is rated at approximately 85 dB during operation. Make sure that adequate hearing protection is used and that the overall sound level within the working environment is taken into consideration.

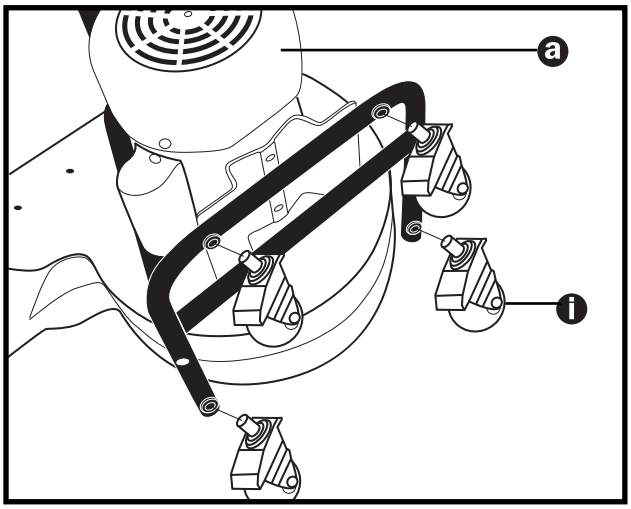
UNPACKING AND CHECKING CONTENTS

UNPACK AND REMOVE ALL COMPONENTS OF YOUR MACHINE FROM THE BOX AND COMPARE WITH THE PARTS LISTED BELOW. REPORT DAMAGED OR MISSING ITEMS TO YOUR DEALER/DISTRIBUTOR IMMEDIATELY:



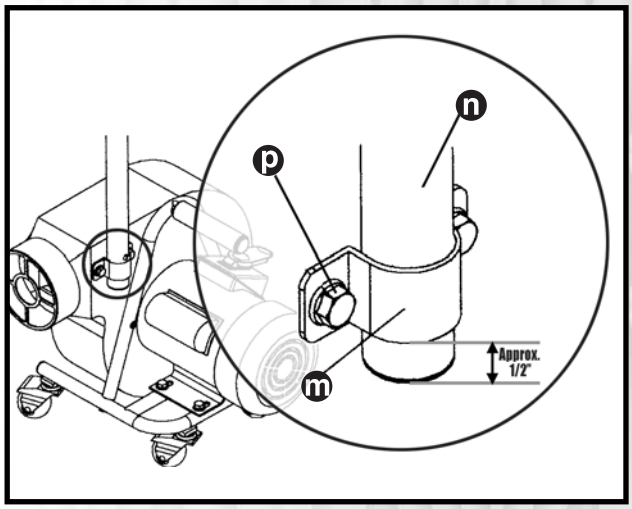
- a DUST COLLECTOR W/BASE & HANDLE
- b DUST HOOD UPPER SUPPORT ARM
- c DUST HOSE
- d DUST HOOD
- e "L" BRACKET
- f LOCK KNOB (3)
- g HOSE CLAMP (2)
- h BAG CLAMP
- i CASTER (4)
- j SHORT CARRIAGE BOLT
- k COLLECTION / FILTER BAG
- l SCREW LOCK KNOB
- m FASTENING BRACKET
- n DUST HOOD LOWER SUPPORT ARM
- o LONG CARRIAGE BOLT
- p FLANGE BOLT (2)
- q FLAT WASHER
- r KEY / WRENCH
- s ADHESIVE FOAM GASKET
- t SPROCKET WASHER (2)

ASSEMBLY



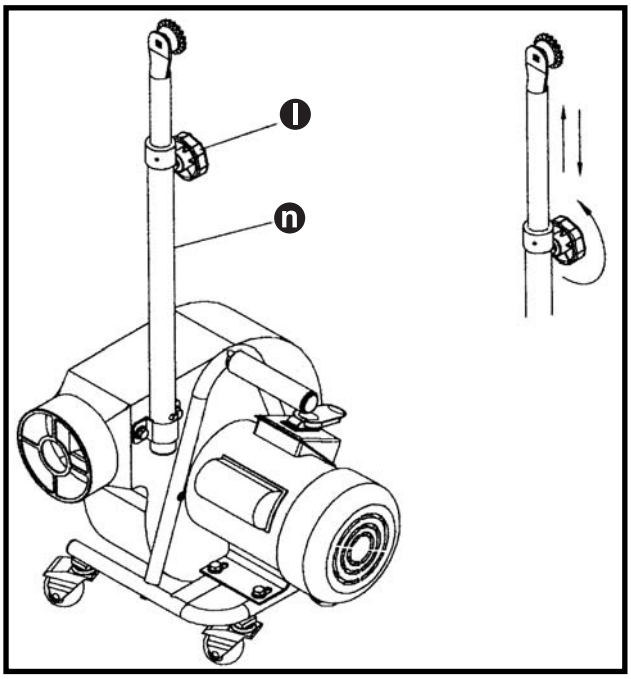
STEP 1 - INSTALLING THE CASTERS ON THE BASE FRAME.

Lay the dust collector on its side as shown and using the supplied wrench, ⓡ , install the 4 casters, ⓘ , to the underside of the base frame, ⓐ . Tighten the caster bolts into the corresponding holes in the base frame until snug.

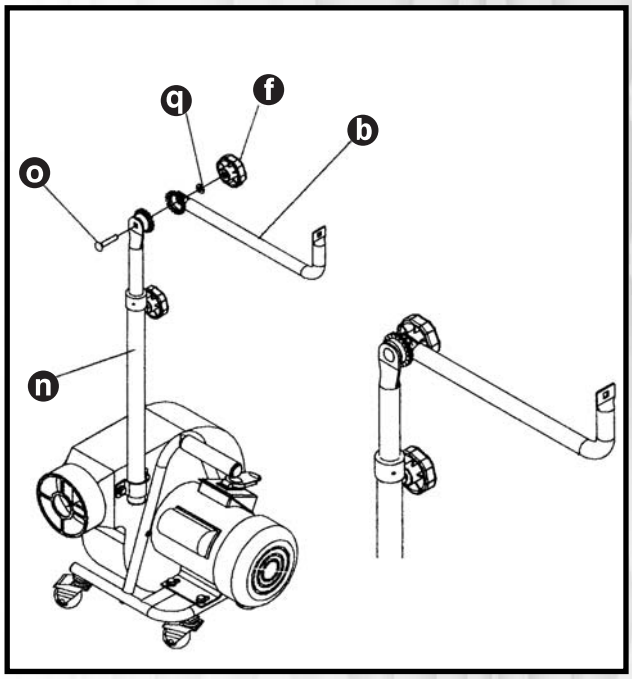


STEP 2 – MOUNTING THE LOWER SUPPORT ARM.

Using the 2 supplied flange bolts, ⓟ , loosely attach the fastening bracket, ⓜ , to the dust collector. Fit the lower support arm, ⓝ , into the opening between the dust collector and the mounting bracket as shown. For a secure stable fit, slide the end of the support arm down through the opening so that protrudes roughly 1/2" below the bottom of the mounting bracket. Then, tighten the flange bolts to clamp the support arm securely against the dust collector.

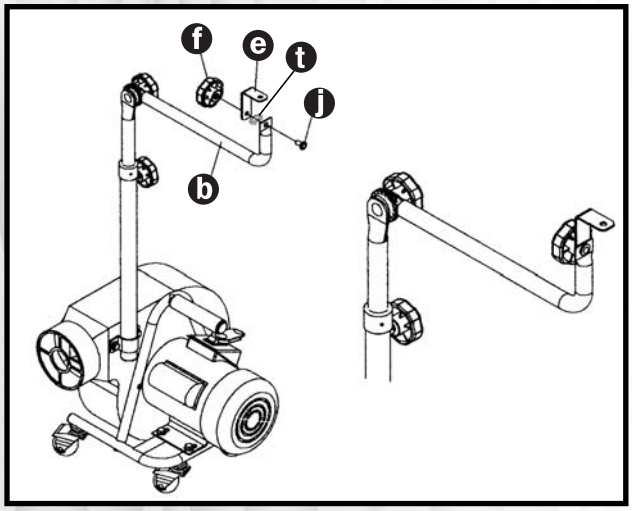


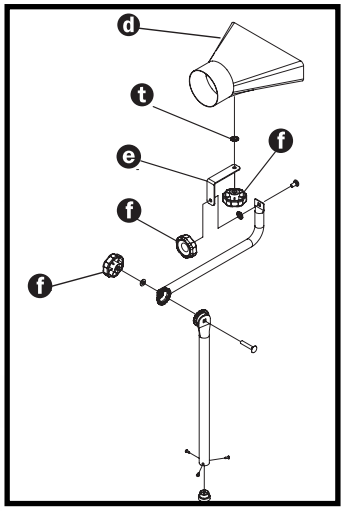
Attach the screw lock knob, ⓛ , to the support arm, ⓝ , as shown. This knob is used to secure the arm at the desired.

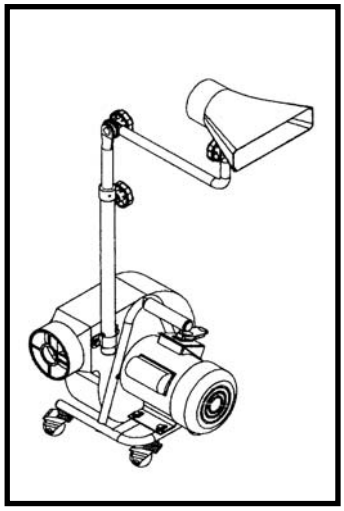


STEP 3 – INSTALLING THE DUST HOOD UPPER SUPPORT ARM

Using the long carriage bolt, ⓞ , flat washer, ⓠ , and one lock knob, ⓕ ,attach the dust hood upper support arm, ⓑ , to the lower arm, ⓝ , as shown. The lock knob is used to secure the upper arm in the desired position or angle.



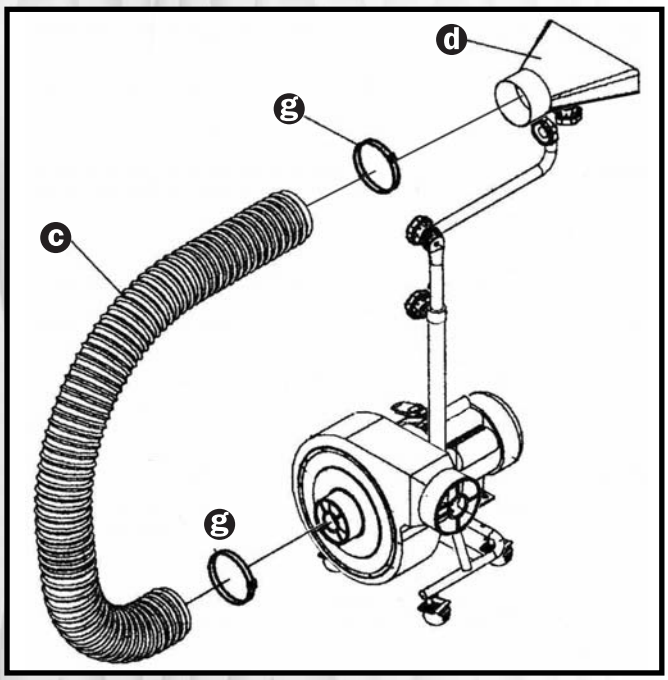


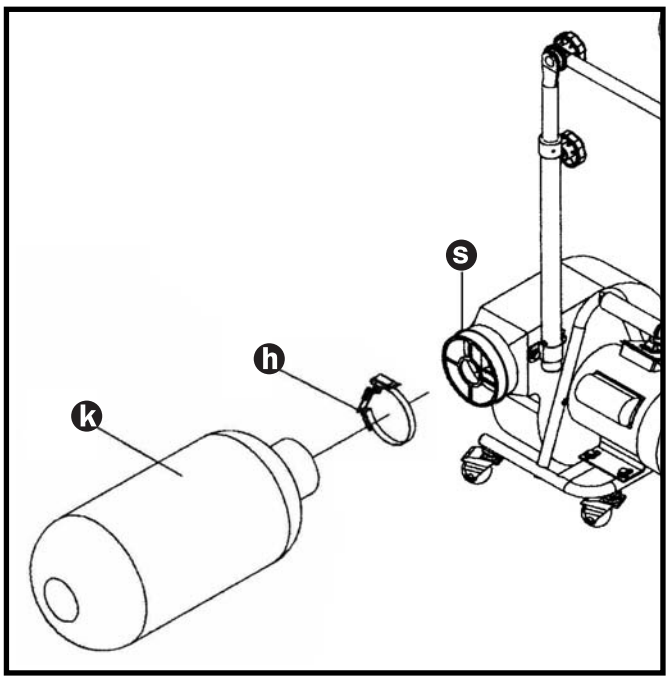


STEP 4 - MOUNTING THE DUST HOOD

Using the short carriage bolt, ⓙ , and one lock knob, ⓕ , attach the "L" bracket, ⓔ ,and sprocket washer, ⓣ, to the end of the upper support arm, ⓑ . The lock knob is used to secure the dust hood (once installed on the "L" bracket) at the desired angle.

Using the remaining lock knob, ⓕ , fit the dust hood, ⓓ, onto the "L" bracket ⓔ and sprocket washer, ⓣ. The lock knob is used to secure the dust hood to the desired pivot position.





STEP 5 – ATTACHING THE DUST HOSE & COLLECTION/FILTER BAG

Install a hose clamp, ⓖ, on each end of the dust hose, ⓒ . Slip one end of the hose onto the dust hood, ⓓ , and using a Phillips head screw driver (not supplied) tighten the hose clamp until it is secure on the dust hood.

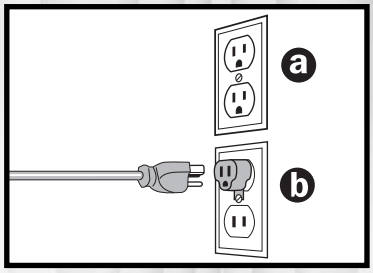
Slip the opposite end of the dust hose onto the dust collector inlet and tighten the clamp until it is securely in place.

To create an airtight seal between the dust bag and the air outlet, peal off the backing of the adhesive foam gasket, ⓢ , and stick the gasket onto the dust collector outlet - cutting it to length, if needed.

Fit the bag, ⓚ , over the outlet and secure the bag onto the outlet using the supplied bag clamp, ⓗ . Positioning and tightening the clamp on the gasket will ensure an airtight seal.

YOUR DUST COLLECTOR IS NOW READY TO BE PUT INTO SERVICE.

CONNECTING TO A POWER SOURCE



Plug the dust collector into a proper receptacle. Your power tools should be connected to a dedicated electrical circuit of not less than #14 wire and should be protected with a 15 amp time lag fuse. If an extension cord is needed, use only 3-wire cords with 3-prong grounded-type plugs and 3-pole receptacles.

Grounding: This tool must be grounded to protect the operator from electrical shock. The supplied motor recommended for your dust collector is wired for 110 Volt, single phase, and has a 3-conductor cord and 3-prong grounded plug to fit a grounded-type receptacle, ⓐ. Do not remove the 3rd prong (grounding pin) from the plug to make it fit into an old 2-hole wall socket. If an adapter plug is used, ⓑ, it must be attached to the metal screw of the receptacle.

Note: Use of an adaptor plug is illegal in some areas. Check your local codes.

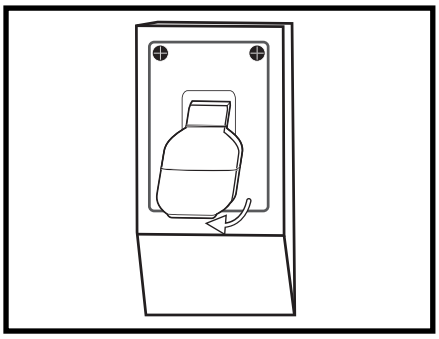
Before connecting the motor to the power line, make sure that the switch is in the OFF position and that the electrical current is of the same type as that stamped on the motor nameplate. All electrical connections should have proper contact. Running on low voltage will damage the motor.

To avoid risk of shock or fire, do not operate with a damaged power cord or plug. Replace damaged cord or plug immediately.

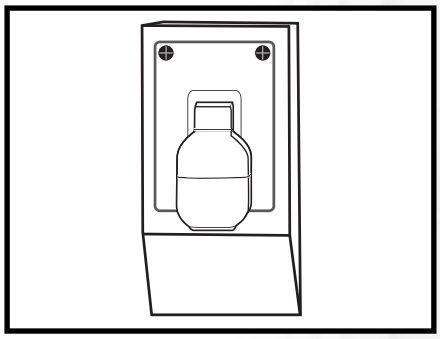
ADJUSTMENTS AND CONTROLS

POWER "ON"/"OFF"

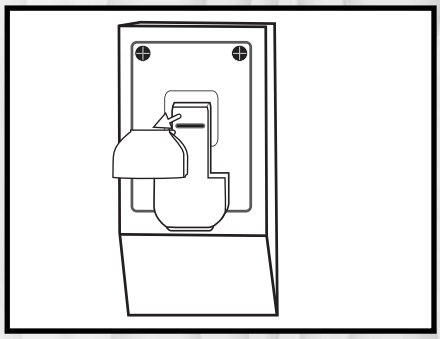
Make sure the switch is in the "OFF" position before plugging the power cord into a matching outlet.



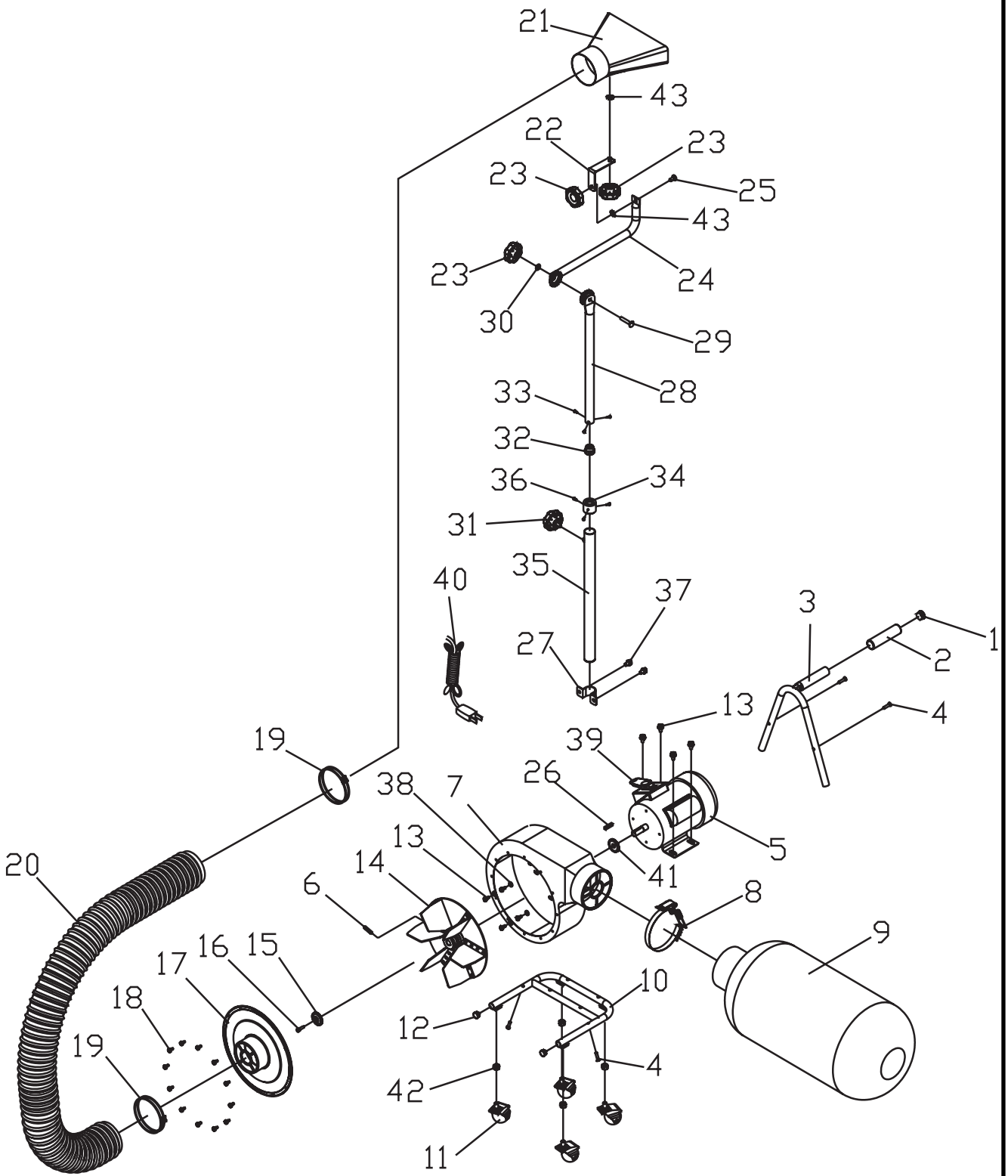
POWER ON



POWER OFF



SAFETY KEY
(PREVENTS START-UP WHEN REMOVED)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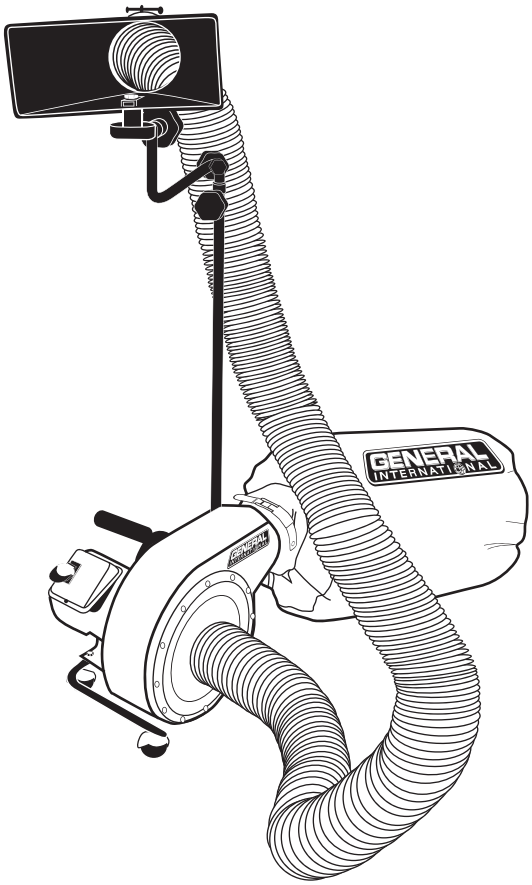
PARTS LIST
10-050

PART N0.	DESCRIPTION	SPECIFICATION	QTY
10050-01	TUBE CAP	1"	1
10050-02	SPONGE TUBE COVER	1" x 5"	1
10050-03	BASE HANDLE		1
10050-04	FLAT HEAD PHILLIPS SCREW	1/4" x 1"	4
10050-05	MOTOR		1
10050-06	SET SCREW	3/8"	1
10050-07	COLLECTOR BODY		1
10050-08	BAG CLAMP	5"	1
10050-09	COLLECTION / FILTER BAG		1
10050-10	BASE		1
10050-11	CASTER		4
10050-12	TUBE CAP	3/4"	2
10050-13	FLANGE BOLT	1/4" x 1/2"	8
10050-14	IMPELLER	9"	1
10050-15	SPECIAL WASHER		1
10050-16	HEX SOCKET SCREW	M6 x 20	1
10050-17	INLET COVER	4"	1
10050-18	PHILLIPS HEAD SCREW	M5 x 10	12
10050-19	HOSE CLAMP	4"	2
10050-20	HOSE	4" x 2M	1
10050-21	DUST HOOD		1
10050-22	"L" TYPE BRACKET		1
10050-23	LOCK KNOB		3
10050-24	DUST HOOD UPPER SUPPORT ARM		1
10050-25	CARRIAGE BOLT	M8 x 16	1
10050-26	KEY	5 x 5 x 25	1
10050-27	FASTENING BRACKET		1
10050-28	DUST HOOD LOWER SUPPORT INNER TUBE		1
10050-29	CARRIAGE BOLT	M8 x 40mm	1
10050-30	WASHER	5/16" x 23mm	1
10050-31	SCREW LOCK KNOB	5/16" x 3/4"	1
10050-32	INSIDE TUBE CAP		1
10050-33	PHILLIPS HEAD SCREW	M3 x 6mm	3
10050-34	OUTSIDE TUBE CAP		1
10050-35	DUST HOOD LOWER SUPPORT OUTER TUBE		1
10050-36	PHILLIPS HEAD SCREW	M3 x 5mm	3
10050-37	FLANGE BOLT	5/16" x 1/2"	2
10050-38	WASHER	1/4" x 25mm	4
10050-39	UL SWITCH		1
10050-40	POWER CORD	16A x 3C x 6F	1
10050-41	MOTOR PACKING		1
10050-42	NUT	5/16"	4
10050-43	SPROCKET WASHER	M8	2

10-050



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Fax : (514) 326-5555 Order Desk
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IMPORTANT: When ordering replacement parts, always give the model number, serial number of the machine and part number. Also a brief description of each item and quantity desired.